

1. (Currently Amended) A method of transmitting metric data from a medical data collecting device to a server computer, the method comprising:
  - receiving a unique resistor value from the medical data collecting device;
  - determining a cable type of a medical data collecting device by performing an operation using the unique resistor value and a fixed resistor value;
  - transmitting a cable type value corresponding to the cable type to a server computer;
  - receiving device configuration instructions from the server computer the server computer using the cable type value to identify the medical data collecting device;
  - configuring one or more components to enable communication with the medical data collecting device, wherein one component is a configurable multiplexer; and
  - receiving metric data from the medical data collecting device for transmission to the server computer.
2. (Original) A method as recited in claim 1 wherein receiving device configuration instructions from the server computer further comprises:
  - on the server computer, using the cable type value to retrieve the device configuration instructions from a database such that intelligence regarding the medical data collecting device resides on the server computer.
3. (Original) A method as recited in claim 1 further comprising:
  - determining whether a host input/output connection is enabled and a device input/output is enabled.
4. (Original) A method as recited in claim 1 further comprising:
  - a multiplexer reading the cable of the medical data collecting device; and
  - a modem transmitting the cable type value to the server computer wherein a predetermined dial-up number is used to connect to the server computer.
5. (Original) A method as recited in claim 1 further comprising transmitting an acknowledgment to the server computer.

6. (Currently Amended) A method of sending metric data from a self-monitoring diagnostic meter to a data repository using an intermediate device with an adaptor assembly, the method comprising:

enabling a first connection between ~~an~~ the intermediate device and a self-monitoring diagnostic meter via the adaptor assembly and enabling a second connection between the intermediate device and a host input/output;

determining a specific type of self-monitoring diagnostic meter by examining at the data repository a cable type value at the data by performing an operation using a unique resistor value and a fixed resistor value repository; and

configuring the intermediate device using intelligence data sent from the data repository, thereby enabling the intermediate device to receive data via the adaptor assembly from the self-monitoring diagnostic meter through the first connection and transmitting the data through a second connection- wherein no operations are performed on the data in the intermediate device.

7. (Original) A method as recited in claim 6 further comprising reconfiguring the intermediate device with new intelligence data when a different self-monitoring diagnostic meter is connected to the intermediate device.

8. (Original) A method as recited in claim 6 further comprising directly connecting the intermediate device to a telephone connection for transmitting metric data to the data repository.

9. (Original) A method as recited in claim 6 further comprising directly connecting the intermediate device to one of a plurality of self-monitoring diagnostic meters.

10. (Original) A method as recited in claim 6 further comprising installing a second intelligence data in the central repository to accommodate a new, previously unknown,